Amendments to the Claims:

Claims 1, 3, 5 to 10, 15, 17, 19 to 21, 26 to 28, 30 to 34 and 36 are cancelled.

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Cancelled).

2. (Previously Presented) A stereoscopic display system comprising:

a single display for displaying right and left partial images sequentially in time;

a first optical arrangement for defining a common viewing beam path along which said right and left partial images are transmitted;

a second optical arrangement for splitting said common viewing beam path into separate first and second component beam paths for viewing only said left and only said right partial images, respectively;

a switchover device for alternately coupling information shown on said display from said common viewing beam path separately into said first and second component beam paths in synchronism with the presentation of said left and right partial images on said display; and,

said switchover device including a mirror switchable into and out of said beam path.

3. (Cancelled).

4. (Previously Presented) A stereoscopic display system comprising:

a single display for displaying right and left partial images sequentially in time;

a first optical arrangement for defining a common viewing beam path along which said right and left partial images are transmitted;

a second optical arrangement for splitting said common viewing beam path into separate first and second component beam paths for viewing only said left and only said right partial images, respectively;

a switchover device for alternately coupling information shown on said display from said common viewing beam path separately into said first and second component beam paths in synchronism with the presentation of said left and right partial images on said display; and,

a partially transmitting mirror; polarization filters mounted in corresponding ones of said first and second component beam paths; and, said polarization filters having respective pass-through directions crossed with respect to each other.

Claims 5 to 10 (Cancelled).

11. (Original) A stereoscopic display system comprising:

a single display for sequentially displaying right and left partial images;

an optical arrangement for defining an illuminating beam path and for illuminating said display sequentially in time with light having first and second directions of polarization different from each other; and,

said optical arrangement including a polarization beam splitter mounted in said illuminating beam path.

12. (Previously Presented) A stereoscopic display system comprising:

a single display for sequentially displaying right and left partial images;

an optical arrangement for defining an illuminating beam path and for illuminating said display sequentially in time with light having first and second directions of polarization different from each other;

said optical arrangement including a polarization beam splitter mounted in said illuminating beam path; and,

said optical arrangement further including two light sources for emitting respective beams of light and said polarization beam splitter being mounted to receive said beams of light and to coaxially superpose said beams of light one upon the other.

13. (Previously Presented) A stereoscopic display system comprising:

a single display for sequentially displaying right and left

partial images;

an optical arrangement for defining an illuminating beam path and for illuminating said display sequentially in time with light having first and second directions of polarization different from each other;

said optical arrangement including a polarization beam splitter mounted in said illuminating beam path;

said optical arrangement further including two light sources for emitting respective beams of light and said polarization beam splitter being mounted to receive said beams of light and to coaxially superpose said beams of light one upon the other; and,

a color filter wheel common to both of said light sources and mounted downstream thereof.

14. (Original) The stereoscopic display system of claim 13, further comprising a control unit for driving said color filter wheel in synchronism with a display of stereoscopic color sequences.

15. (Cancelled).

16. (Previously Presented) A stereoscopic display system comprising:

a single display for displaying right and left partial images sequentially in time;

first and second optical arrangements for defining respective viewing beam paths for viewing only said right and left partial images;

a switchover device for alternately coupling information shown on said display from said common viewing beam path separately into said first and second component beam paths in synchronism with the presentation of said left and right partial images on said display; and,

said switchover device including a mirror switchable into and out of said beam path.

17. (Cancelled).

18. (Previously Presented) A stereoscopic display system comprising:

a single display for displaying right and left partial images sequentially in time;

first and second optical arrangements for defining respective viewing beam paths for viewing only said right and left partial images;

a switchover device for alternately coupling information shown on said display from said common viewing beam path separately into said first and second component beam paths in synchronism with the presentation of said left and right partial images on said display; and,

a partially transmitting mirror; polarization filters mounted in corresponding ones of said first and second component beam paths; and, said polarization filters having respective pass-through directions crossed with respect to each other.

Claims 19 to 21 (Cancelled).

22. (Previously Presented) A stereoscopic display system comprising:

a single display for displaying right and left partial images sequentially in time;

a first optical arrangement for defining a common viewing beam path along which said right and left partial images are transmitted;

a second optical arrangement for receiving said common viewing beam path and defining separate first and second component beam paths for viewing only said left and only said right partial images, respectively; and,

a switchover device including a mirror alternately switchable into and out of said common viewing beam path so as to permit information shown on said display to pass into said first component beam path separately when said mirror is in said common viewing beam path and to pass into said second component beam path separately when said mirror is switched out of said common beam path in synchronism with the presentation of said left and right partial images on said display.

23. (Previously Presented) The stereoscopic display system of claim 22, further comprising a light source for transmitting light along an illuminating beam path toward said display; and, said switchover device including a polarization switch mounted in said illuminating beam path or in said common viewing beam path.

24. (Previously Presented) The stereoscopic display system of claim 23, further comprising a partially transmitting mirror;

polarization filters mounted in corresponding ones of said first and second component beam paths; and, said polarization filters having respective pass-through directions crossed with respect to each other.

25. (Previously Presented) The stereoscopic display system of claim 22, said second optical arrangement including a transfer optic in one of said separate first and second component beam paths.

Claims 26 to 28 (Cancelled).

29. (Previously Presented) A stereoscopic display system comprising:

a single display for displaying right and left partial images sequentially in time;

a first optical arrangement for defining a common viewing beam path along which said right and left partial images are transmitted;

a second optical arrangement for splitting said common viewing beam path into separate first and second component beam paths for viewing only said left and only said right partial images, respectively;

a switchover device for alternately coupling information shown on said display from said common viewing beam path separately into said first and second component beam paths in synchronism with the presentation of said left and right partial images on said display;

said switchover device including a polarization switch mounted in said illuminating beam path or in said common viewing beam path; and, a polarization beam splitter for splitting said common viewing beam path into said first and second component beam paths; and,

a partially transmitting mirror; polarization filters mounted in corresponding ones of said first and second component beam paths; and, said polarization filters having respective pass-through directions crossed with respect to each other.

Claims 30 to 34 (Cancelled).

35. (Previously Presented) A viewing system worn by a person on the head, the viewing system comprising:

a head gear which can be worn by a person on the head;

a stereoscopic display system integrated into said head gear and including:

a single display for sequentially displaying right and left partial images;

a first optical arrangement for defining a common viewing beam path along which said right and left partial images are transmitted;

a second optical arrangement for splitting said common viewing beam path into separate first and second component beam paths for viewing only said left and only said right partial images, respectively;

a switchover device for alternately coupling information shown on said display from said common viewing beam path

separately into said first and second component beam paths in synchronism with the presentation of said left and right partial images on said display;

said switchover device including a polarization switch mounted in said illuminating beam path or in said common viewing beam path; and, a polarization beam splitter for splitting said common viewing beam path into said first and second component beam paths; and,

a partially transmitting mirror; polarization filters mounted in corresponding ones of said first and second component beam paths; and, said polarization filters having respective pass-through directions crossed with respect to each other.

36. (Cancelled).

37. (Previously Presented) The stereoscopic display system of claim 4, further comprising a light source for transmitting light along an illuminating beam path toward said display; and, said switchover device including a polarization switch mounted in said illuminating beam path or in said common viewing beam path.

38. (Previously Presented) The stereoscopic display system of claim 18, further comprising a light source for transmitting light along an illuminating beam path toward said display; and, said switchover device including a polarization switch mounted in said illuminating beam path or in said common viewing beam path.